

Perimeter Air Samples
21 November - 25 November 2005
ASCON Emergency Action
Huntington Beach, California

Analyte	SAMPLE LOCATION														
	EA-AA-01					EA-AA-02					EA-AA-03				
	Minimum (µg/m3)	Maximum (µg/m3)	Number analyzed	Number detected	Frequency of detection (%)	Minimum (µg/m3)	Maximum (µg/m3)	Number analyzed	Number detected	Frequency of detection (%)	Minimum (µg/m3)	Maximum (µg/m3)	Number analyzed	Number detected	Frequency of detection (%)
Chloromethane						1.1	1.2	4	4	100%	1.1	1.3	3	3	100%
Acetone						<8.5	38	4	3	75%	<9.5	32	3	2	67%
Trichlorofluoromethane						1	1.6	4	4	100%	1.3	1.6	3	3	100%
Methylene chloride						<0.66	3.7	4	3	75%	2.1	3.7	3	3	100%
Carbon Disulfide						<0.83	0.9	4	1	25%	-	-	-	-	-
2-Butanone (MEK)						3.4	5.4	4	4	100%	4.4	5.8	3	3	100%
n-Hexane						<0.66	4.6	4	3	75%	3.3	4.6	3	3	100%
Benzene						0.69	4.4	4	4	100%	3.5	4.4	3	3	100%
Trichloroethene						-	-	-	-	-	<0.76	1.9	3	1	33%
Toluene						1.3	16	4	4	100%	12	16	3	3	100%
2-Hexanone						<0.83	1.2	4	1	25%	-	-	-	-	-
Tetrachloroethene						<0.66	2.3	4	3	75%	1.6	2.3	3	3	100%
Ethylbenzene						<0.66	2.7	4	3	75%	2	2.7	3	3	100%
m,p-Xylenes						<1.3	9.5	4	3	75%	7	10	3	3	100%
Styrene						<0.66	1.7	4	2	50%	<0.95	2.2	3	2	67%
o-Xylene						<0.66	3.6	4	3	75%	2.6	3.6	3	3	100%
n-Nonane						<0.66	1.5	4	3	75%	1.1	1.3	3	3	100%
alpha-Pinene						<0.66	1.5	4	1	25%	<0.95	1.5	3	2	67%
4-Ethyltoluene						<0.66	1.1	4	2	50%	0.81	1.1	3	3	100%
1,3,5-Trimethylbenzene						-	-	-	-	-	<0.78	0.87	3	1	33%
1,2,4-Trimethylbenzene						<0.66	2.8	4	3	75%	2.2	3.1	3	3	100%
1,4-Dichlorobenzene						-	-	-	-	-	-	-	-	-	-
d-Limonene						-	-	-	-	-	<0.95	1.5	3	2	67%
Naphthalene						-	-	-	-	-	-	-	-	-	-

Dash (-) indicates no detection at sample location

For maximum the maximum detected value is reported.

For minimum the lower of either the minimum detected value or minimum reported limit presented.

Sample locations reduced due to EA activity completion

No work was conducted on the Site on November 24 and 26, 2005, due to Thanksgiving Holiday.

On November 25 only one sample was collected (EA-AA-02).

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Huntington Beach, California

Analyte	SAMPLE LOCATION														
	EA-AA-04					EA-AA-05					EA-AA-06				
	Minimum (µg/m3)	Maximum (µg/m3)	Number analyzed	Number detected	Frequency of detection (%)	Minimum (µg/m3)	Maximum (µg/m3)	Number analyzed	Number detected	Frequency of detection (%)	Minimum (µg/m3)	Maximum (µg/m3)	Number analyzed	Number detected	Frequency of detection (%)
Chloromethane	1.1	1.4	3	3	100%						1	1.3	3	3	100%
Acetone	<9.6	35	3	2	67%						<8.2	33	3	2	67%
Trichlorofluoromethane	1.2	1.6	3	3	100%						1.2	1.6	3	3	100%
Methylene chloride	2.1	3.7	3	3	100%						1.6	4	3	3	100%
Carbon Disulfide	-	-	-	-	-						-	-	-	-	-
2-Butanone (MEK)	3.3	4.6	3	3	100%						3.2	4.8	3	3	100%
n-Hexane	3.4	4.6	3	3	100%						3.5	4.9	3	3	100%
Benzene	3.3	4.4	3	3	100%						3.2	4.8	3	3	100%
Trichloroethene	<0.78	2	3	2	67%						<0.73	1.1	3	1	33%
Toluene	12	16	3	3	100%						12	17	3	3	100%
2-Hexanone	-	-	-	-	-						-	-	-	-	-
Tetrachloroethene	1.6	2.2	3	3	100%						1.6	2.4	3	3	100%
Ethylbenzene	1.9	2.7	3	3	100%						1.9	2.9	3	3	100%
m,p-Xylenes	6.7	9.8	3	3	100%						6.8	11	3	3	100%
Styrene	<0.96	2.3	3	2	67%						0.86	2.6	3	3	100%
o-Xylene	2.5	3.7	3	3	100%						2.5	3.9	3	3	100%
n-Nonane	0.96	1.3	3	3	100%						1	1.5	3	3	100%
alpha-Pinene	1	1.7	3	3	100%						1	1.7	3	3	100%
4-Ethyltoluene	<0.97	1.1	3	2	67%						<0.85	1.2	3	2	67%
1,3,5-Trimethylbenzene	0.9	0.9	3	1	33%						<0.82	0.98	3	1	33%
1,2,4-Trimethylbenzene	2.2	3.5	3	3	100%						2.1	3.6	3	3	100%
1,4-Dichlorobenzene	-	-	-	-	-						0.81	0.81	3	1	33%
d-Limonene	1.2	1.7	3	3	100%						1.1	1.5	3	3	100%
Naphthalene	0.82	0.82	3	1	33%						-	-	-	-	-

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On November 25 only one sample was collected (EA-AA-02).

Perimeter Air Samples
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Huntington Beach, California

Analyte	SAMPLE LOCATION				
	EA-AA-07				
	Minimum (µg/m3)	Maximum (µg/m3)	Number analyzed	Number detected	Frequency of detection (%)
Chloromethane					
Acetone					
Trichlorofluoromethane					
Methylene chloride					
Carbon Disulfide					
2-Butanone (MEK)					
n-Hexane					
Benzene					
Trichloroethene					
Toluene					
2-Hexanone					
Tetrachloroethene					
Ethylbenzene					
m,p-Xylenes					
Styrene					
o-Xylene					
n-Nonane					
alpha-Pinene					
4-Ethyltoluene					
1,3,5-Trimethylbenzene					
1,2,4-Trimethylbenzene					
1,4-Dichlorobenzene					
d-Limonene					
Naphthalene					

Dash (-) indicates no detection at sample location

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Sample locations reduced due to EA activity completion

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On November 25 only one sample was collected (EA-AA-02).